

FIG. 1



FIG. 2

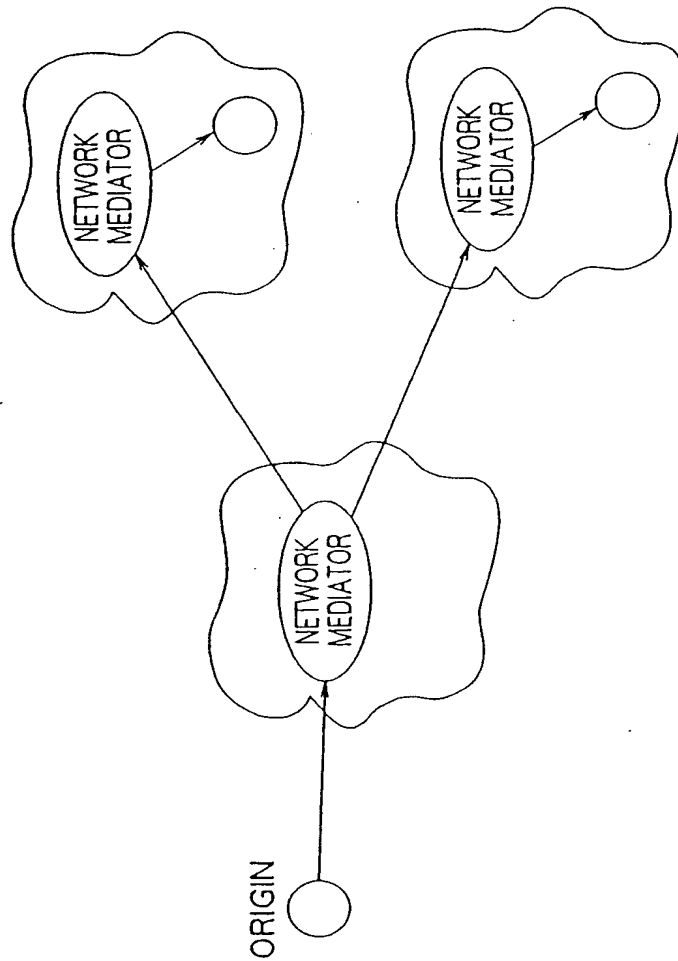
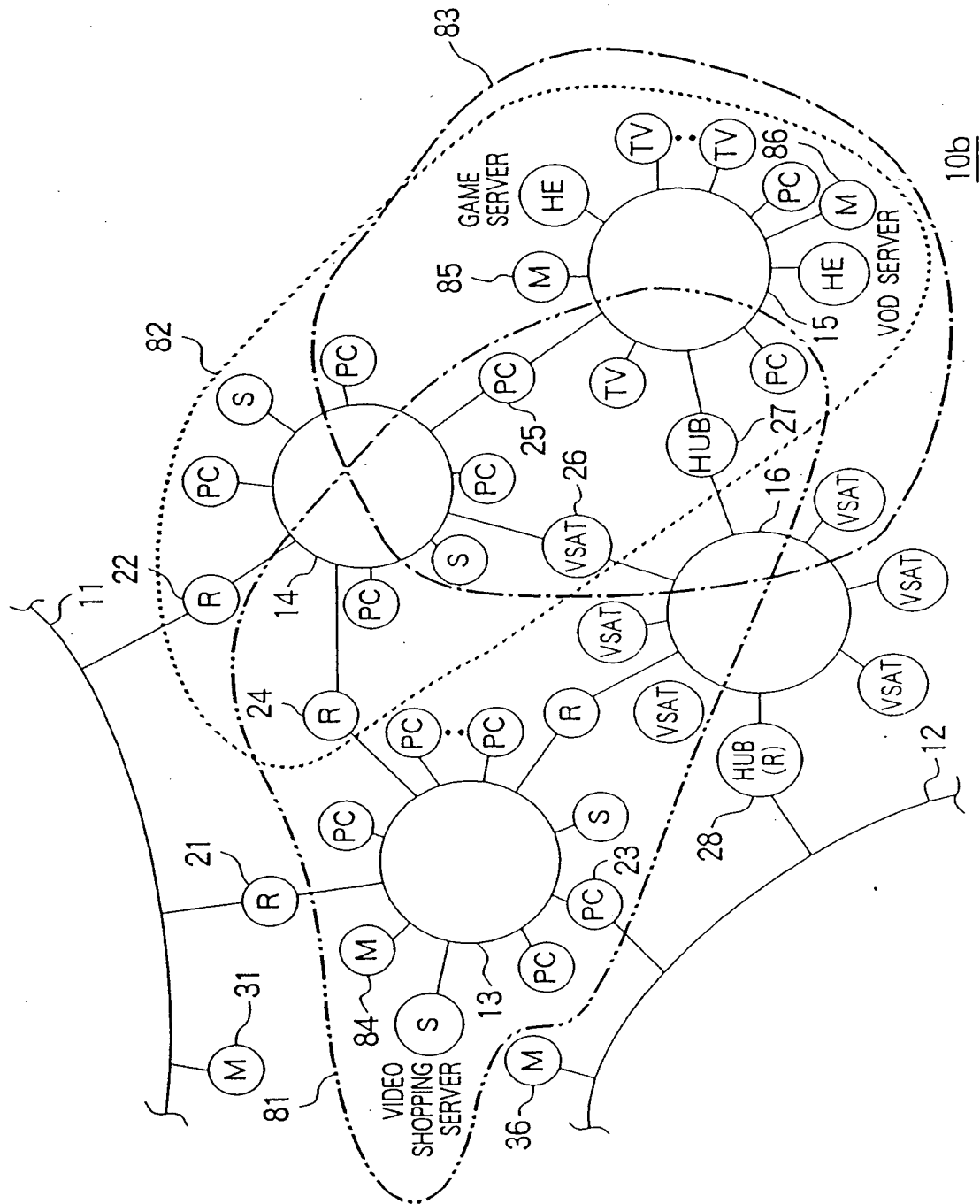


FIG. 3



## FIG. 4A

Token :  
(mediate instruction destination task result-handling token-ID  
origin-node origin-mediator token-sender co-successors)

Instruction :  
search, connect, perform, collect

Destination :  
((name "XXX VoD Server")  
(reference 'domain local node reference'  
(object-name "XXX server manager")  
(object-reference 'domain local object reference')  
(network-domain "network-provider")  
(problem-domain "multimedia network-service")  
(application-domain "video-on-demand")  
(communication-medium internet))

Task :  
(object method arguments)

Result-Handling :  
return-value, return-status, store, and/or propagate

## FIG. 4B

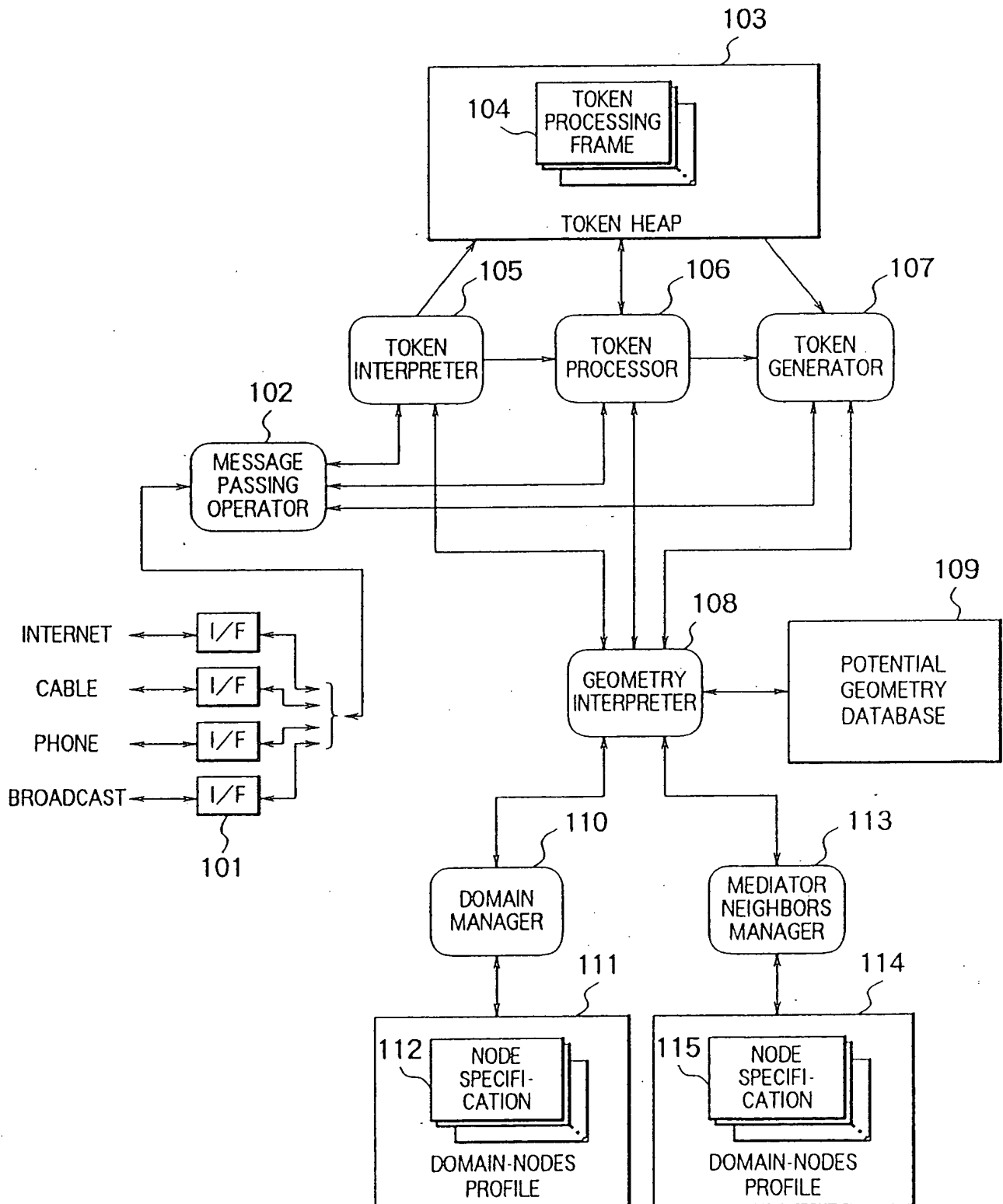
Token :  
(mediate  
search  
((name "XXX Vod Server")  
(reference 'domain local node reference')  
(object-name "XXX server manager")  
(object-reference 'domain local object reference')  
(network-domain network-provider)  
(problem-domain "multimedia network-service")  
(application-domain "video-on-demand")  
(communication-medium internet))  
(object-method arguments)  
(return-value return-status)  
token-ID  
node-reference  
node-reference  
node-reference  
(node-reference node-reference . . . node-reference)  
)

NETWORK MANAGEMENT METHOD, APPARATUS OF SAME AND  
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FIG. 5



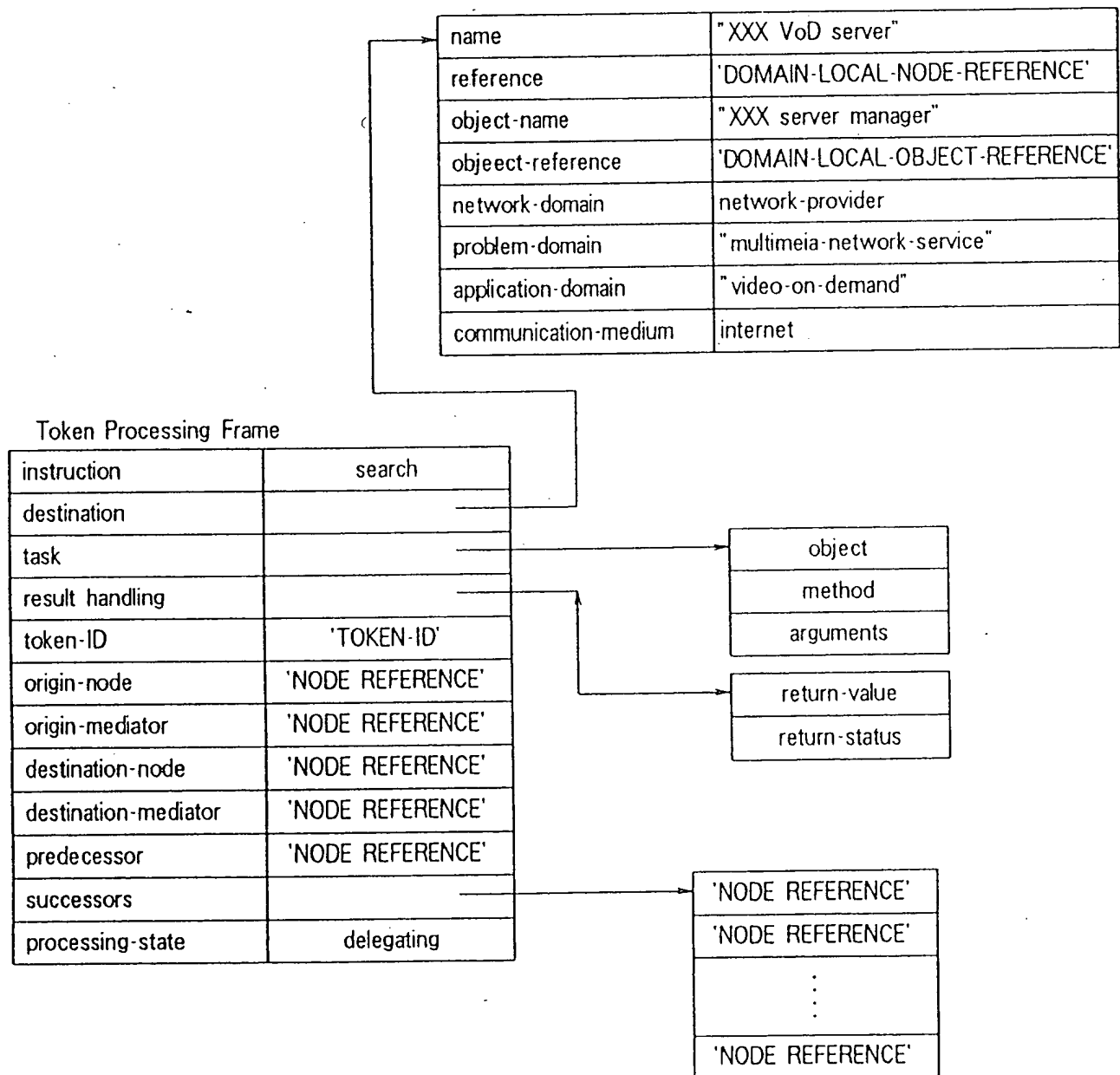
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FIG. 6

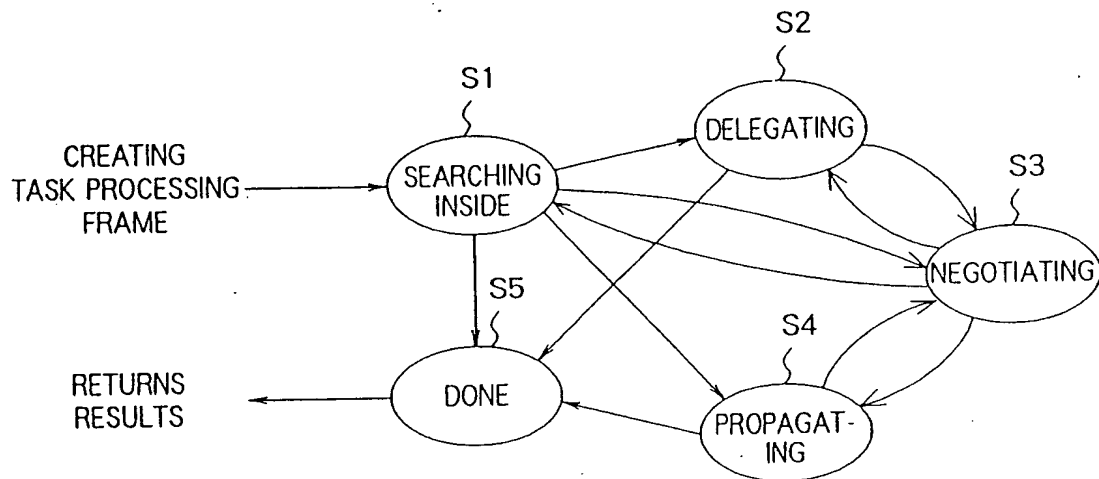


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FIG. 7



## FIG. 8

### Network Domains

((domainN-1 (domainN-1i distance) (domainN-1j distance) . . . (domainN-1k distance))  
(domainN-2 (domainN-2i distance) (domainN-2j distance) . . . (domainN-2k distance))  
. . .  
(domainN-N (domainN-Ni distance) (domainN-Nj distance) . . . (domainN-Nk distance)))

### Problem Domains

((domainP-1 (domainP-1i distance) (domainP-1j distance) . . . (domainP-1k distance))  
(domainP-2 (domainP-2i distance) (domainP-2j distance) . . . (domainP-2k distance))  
. . .  
(domainP-N (domainP-Ni distance) (domainP-Nj distance) . . . (domainP-Nk distance)))

### Application Domains

((domainA-1 (domainA-1i distance) (domainA-1j distance) . . . (domainA-1k distance))  
(domainA-2 (domainA-2i distance) (domainA-2j distance) . . . (domainA-2k distance))  
. . .  
(domainA-N (domainA-Ni distance) (domainA-Nj distance) . . . (domainA-Nk distance)))



FIG. 9

NODE-CLASS	VoD server
NODE-NAME	XXX
REFERENCE	'NODE REFERENCE'
COMMUNICATION-MEDIUM	internet
OWNER NAME/REFERENCE	'NODE REFERENCE'
NETWORK-DOMAIN	network provider
PROBLEM-DOMAIN	multimedia network
APPLICATION-DOMAIN	video-on-demand

FIG. 10

